**HN Algebra II** Name:

**Mrs. Britton**

**MOD 1 Quiz Review**  Date:

**Identify the transformation from the parent function  to each:**

1.  2. 

3.  4. 

**Identify the transformation from the parent function  to each:**

5. **** 6. ****

7. **** 8. ****

**Write a new function using the transformation description from the parent function:**

9.  shifted left 4 and down 13

10.  shifted down 7 and right 15

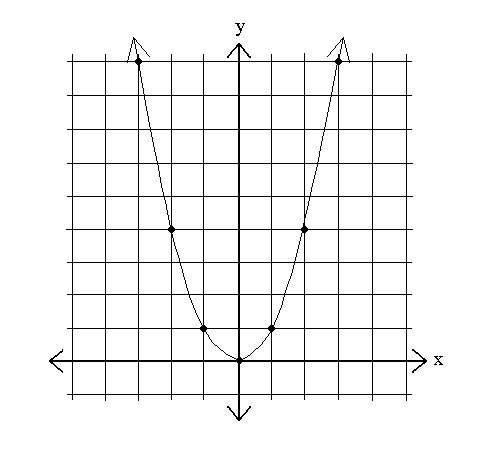
11.  shifted right 15 and up 4

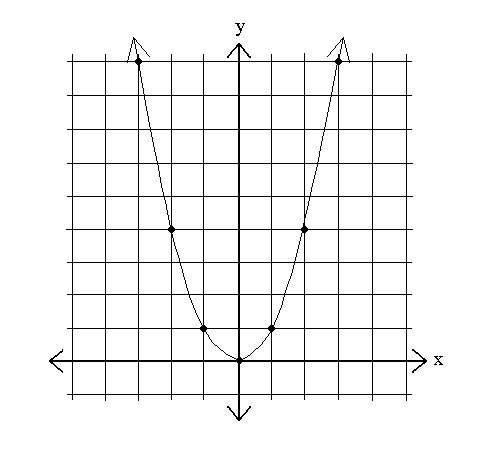
12.  shifted left 1 and down 7 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write a new function** *g* **using the transformation description and then plot the given points from the parent function to graph the new function.**

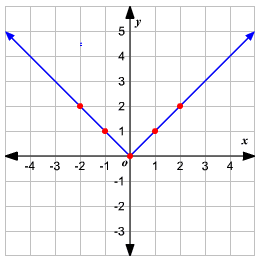
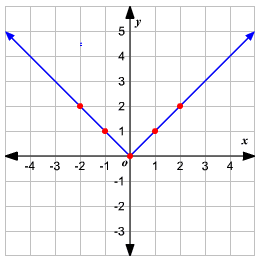
13.  14. 

shifted right 4 up 3 units shifted left 1





15.  16. 

 shifted left 3 and down 2 shifted down 3

Describe and Graph the transformation of the parent function. State the domain and range of each function. (4 points each)

17. 



18. 



Describe and Graph the transformation of the parent function. State the domain and range of each function. (4 points each)

19. 



20. 

